

**Board of Public Works  
January 12, 2011**

A regular meeting of the Board of Public Works of the Consolidated City of Indianapolis, Marion County, Indiana, was held the 12<sup>th</sup> day of January 2011, in the Public Assembly Room of the City County Building. Chair David Sherman called the meeting to order at 1:00 p.m.

Board members in attendance were: David Sherman    Dorothy Henry    Dennis Rosebrough  
Robert Parrin    Cassie Stockamp

Absent:  
Tony Samuel

Staff in attendance was:

Larry Jones    Mike Smith    Steve Nielsen  
Sue Michael    Nicole Kelsey    Diana Hamilton  
Jeff Sirmin    Darrell Fishel    Monica Ferguson  
Jane Regensburg

Director Sherman made special mention of the tragic passing of Mr. Kenneth Hughes on January 1, 2011. He stated that Mr. Hughes served as a Board member on this Board for over six years; and that he provided valuable assistance, knowledge, and support. Director Sherman mentioned that Mr. Hughes was a retired major in the US Army; served as a Director at Eli Lilly and Staff Vice President with Well Point. Director Sherman and the Board members took a moment of silence; then expressed that this Board sends their deepest sympathy to the Hughes family.

**ITEM # 1 – PUBLIC HEARING RESOLUTION**

The public hearing was opened.

Resolution No. 1, 2011; Confirmatory Resolution of the Sanitary District

Staff recommended that the Board of Public Works approve and adopt Resolution No. 1, 2011, confirming Declaratory Resolution No. 61, 2010 (presented at the November 17, 2010 Board meeting) and allow the Indianapolis Local Public Improvement Bond Bank to provide reimbursement for additional capital projects for the Sanitary District from the existing Series 2010A Notes. Upon a motion by Ms. Henry, seconded by Ms. Stockamp, the Board voted 4-0 to approve and adopt Board Resolution No. 1, 2011.

The public hearing was closed.

**ITEM # 2 – BID AWARDS**

Mr. Parrin arrived at 1:11.

- a. BE-10-010C; Belmont Ultraviolet Disinfection Facilities  
\$9,750,000.00 – F.A. Wilhelm Construction Company, Inc.

Staff recommended that the Board of Public Works award Project No. BE-10-010C, Belmont Ultraviolet Disinfection Facilities to F.A. Wilhelm Construction Company, Inc., to include the base bid lump sum amount

plus bid alternatives No. 1 and No. 2 in the lump sum amount of \$9,750,000.00 on the basis that it is the lowest responsive and responsible bidder. This project consists of constructing a new ultraviolet disinfection facility and miscellaneous modifications and improvements to the existing disinfection systems at the Belmont Advanced Wastewater Treatment Facility, and other related items. Mr. Parrin inquired about the disinfection systems; then asked if there were any guarantees in the specification for effluent quality; and questioned whether the effluent quality meet or exceed anything projecting what EPA would oppose to. Mr. Nielsen replied that it will fully meet the NPDES permit requirements for e-coli. He stated that guarantees will be based on what happens with the treatment scheme, and whether or not there is an upset, and lots of solids going through. He indicated that it could be violated, which means, the radiation would not be able to kill the bugs, however, based upon the standard treatment and what is being discharged day in and out, there is more than enough capacity to take care of the e-coli limits.

Mr. Parrin asked Mr. Nielsen to explain why it is important to disinfect; and how the current procedure has improved. Mr. Nielsen replied by giving a detailed explanation of the current procedures at the plant, and the improvement that have been made.

He stated that staff still needs to go to IDEM to discuss what is going to happen to the ozone system; whether it's going to be the pre-ozonation with ultraviolet, or go with a dry weather ozonation. He mentioned that staff is leaning toward pre-ozonation with ultraviolet for normal day in and day out treatment, then chlorine dechlorinate as prescribed in the Consent Decree for wet weather treatment of excess of dry weather flows. Director Sherman inquired about the UV disinfection; the chlorine dechlorinate; and the ozonation; and questioned whether this city has all three as an alternative for disinfection. Mr. Nielsen replied correct.

Mr. Rosebrough asked if the ozone equipment is mothballed. Mr. Nielsen replied yes. Mr. Rosebrough inquired about the water process, and asked after the water process goes through the primary and secondary treatments, is staff required to disinfect before it goes into White River. Mr. Nielsen replied yes, it goes through primary, settling, secondary treatment, filtration; then during dry weather flows; it would go through the ozone and ultimately the UV tank; then the river. He also indicated that under heavy rain fall conditions, it would go through primary and secondary 300 hundred million gallons, the flows would split beyond what the filters could handle; and that one side stream would go directly to the chlorine dechlorinate; then the river; and the other would go through this new system. Upon a motion by Ms. Stockamp, seconded by Mr. Rosebrough, the Board voted 5-0 to approve the Belmont Ultraviolet Disinfection Facilities Project.

b. WT-01-069B; Justification of the Rejection of all Bids  
\$0.00

Staff recommended that the Board of Public Works reject all bids received for Project No. WT-01-069B, Bailey DCS Replacement – Phase 1, Belmont Control Building Upgrade, on the basis that the low bid was 43% above the engineer's opinion of probable construction costs, that only two bids were received; and that only one approved subcontractor per the Project Specifications, Section 13400, provided a quote for the Instrument and Control work, which is estimated to be approximately 55% of the total project costs. The work for this project is the first of four phases that will result in the complete replacement of the existing Bailey Process Control systems at the Belmont and Southport Advanced Wastewater Treatment AWT Plants. Ms. Henry asked when would this project go out for rebid. Mr. Nielsen replied after the Board approved this item; staff could take new specs and plans down to the Purchasing Office. Upon a motion by Mr. Parrin, seconded by Ms. Henry, the Board voted 5-0 to approve the Justification of the Rejection of all Bids.

### **ITEM # 3 - CHANGE ORDERS**

- a. RS-10-057, C/O No. 3; Resurfacing in Decatur, Pike, and Wayne Townships  
\$15,148.06 – Milestone Contractors, L.P.

Staff recommended that the Board of Public Works approve and authorize the Director to execute Change Order No. 3 to Milestone Contractors, L.P in the increased amount of \$15,148.06 for a new contract total not to exceed \$3,026,504.77 and no increase of calendar days for Project No. RS-10-057, Resurfacing in Decatur, Pike, and Wayne Townships. This change order is for adjustment of various place quantities for substantially completed work items due to changes made to match field conditions. Upon a motion by Ms. Henry, seconded by Mr. Parrin, the Board voted 5-0 to approve Change Order No. 3 for Resurfacing in Decatur, Pike, and Wayne Townships Project.

- b. RS-10-201, C/O No. 3; Resurfacing in Center Township  
\$153,788.50 – Calumet Civil Contractors, Inc.

Staff recommended that the Board of Public Works approve and authorize the Director to execute Change Order No. 3 to Calumet Civil Contractors, Inc., in the increased amount of \$153,788.50 for a new contract total not to exceed \$3,444,129.94 and an increase of 30 calendar days for Project No. RS-10-201, Resurfacing in Center Township. This change order will add storm sewer repairs at the intersection of Michigan Street and Cleveland Street. Upon a motion by Mr. Rosebrough, seconded by Ms. Stockamp, the Board voted 5-0 to approve Change Order No. 3 for Resurfacing in Center Township Project.

- c. RS-10-201, C/O No. 4; Resurfacing in Center Township  
\$23,661.85 – Calumet Civil Contractors, Inc.

Staff recommended that the Board of Public Works approve and authorize the Director to execute Change Order No. 4 to Calumet Civil Contractors in the increased amount of \$23,661.85 for a new contract total not to exceed \$3,467,791.79 and no increase of calendar days for Project No. RS-10-201, Resurfacing in Center Township. This change order adds pervious concrete ramps to the Ohio Street Pilot Green Infrastructure Project. Ms. Stockamp asked about pervious curbs. Mr. Smith replied that they are curbs constructed with pervious concrete, which is an opened graded concrete mix that allows for easier drainage. Ms. Henry asked about the Pilot project on this project. Mr. Smith replied that the pilot project is the funding mechanism. Upon a motion by Ms. Stockamp, seconded by Mr. Parrin, the Board voted 5-0 to approve Change Order No. 4 for Resurfacing in Center Township Project.

### **ITEM # 4 - FINAL CHANGE ORDERS AND ACCEPTANCE**

- a. RS-09-042; C/O No. 1/FINAL; Dr. Martin Luther King, Jr. in the Tiff District  
\$(20,495.11) – Calumet Civil Contractors, Inc.

Staff recommended that the Board of Public Works approve and authorize the Director to execute Change Order No. 1/FINAL for Calumet Civil Contractors, Inc., in the decreased amount of \$(20,495.11) for a final contract total of \$319,289.89 and an increase of 73 calendar days for Project No. RS-09-042, Dr. Martin Luther King, Jr. in the Tiff District. This change order adds special pavement markings at 11<sup>th</sup> Street; reconstructs two deteriorated inlet structures, makes changes to sidewalks for ADA compliance and adjusts final quantities. Upon a motion by Ms. Stockamp, seconded by Mr. Rosebrough, the Board voted 5-0 to approve Final Change Order No. 1 for the Dr. Martin Luther King, Jr. in the Tiff District Project.

- b. AL-01-001; C/O No. 2/FINAL; Alley Paving and Repair

\$(320.69) – Grady Brothers, Inc.

Staff recommended that the Board of Public Works approve and authorize the Director to execute Change Order No. 2/FINAL for Grady Brothers, Inc., in the decreased amount of \$(320.69) for a final contract total of \$2,451,565.79 and an increase of 61 calendar days for Project No. AL-01-001, Alley Paving and Repair. This change order is made up of original bid items and negotiated items. Mr. Parrin asked how many miles were added to complete this project. Director Sherman replied seven and a half miles. Upon a motion by Ms. Stockamp, seconded by Ms. Henry, the Board voted 5-0 to approve Final Change Order No. 2 for the Alley Paving and Repair Project.

#### **ITEM # 5 – PROFESSIONAL SERVICE AGREEMENTS**

- a. CS-00-034G, On-Call Hydraulic Modeling  
\$75,000.00 – PB Americas, Inc.

Staff recommended that the Board of Public Works approve and authorize the Director to execute the Professional Service Agreement with PB Americas, Inc., for Project No. CS-00-034G, On-Call Hydraulic Modeling in the amount not to exceed \$75,000.00 and the contract completion date of December 31, 2011. This project is to provide cooperation with the Department of Public Works existing model team to enhance its state of the art modeling practice. Ms. Henry questioned Mr. Nielsen about the different subs participating on this project; and how DEO knows that the requirements have been met. Mr. Nielsen replied that there is a task base system; whereas staff identifies what task they want to do and identify the budget amount. He expressed that staff works with the prime and their sub to come up with a task base cost for each and every project.

Mr. Parrin asked if this program would totally be managed in house, or would it be an ongoing consultancy of sort. Mr. Nielsen replied that currently staff does not have the expertise, nor does staff want to hire someone full time because it is not a day in day out service that staff does. Yet, he expressed that he expects it to stay under the consultant or program base, until December 31<sup>st</sup> of this year, because staff is not certain what will happen with the transaction of the Citizens Energy Group and when it's going to occur. Ms. Henry asked if the consultant would transfer any of their knowledge over to Mr. Nielsen's staff. Mr. Nielsen replied that staff is working on it; however, the model, how it is done; and the people that is taught that model language is really sophisticated. Upon a motion by Ms. Henry, seconded by Ms. Stockamp, the Board voted 5-0 to approve the On-Call Hydraulic Modeling Agreement.

Director Sherman asked if there was a representative in the audience from HNTB; and if there was to come to the podium and introduce himself to the Board members. A representative from HNTB walked up to the podium and introduced himself as Joe Thais. Director Sherman mentioned that he wanted to thank his company for all they had done; then asked Mr. Thais to explain to the Board his brand new hair cut. Mr. Thais replied that his hair had been a little longer than Director Sherman's before Christmas; however, HNTB agreed to help the Mayor's pack the pantries food drive and raise money for Gleaners Food Bank. Mr. Thais stated that even though HNTB raised \$6,000.00; they wanted to do more this year, so they set a very aggressive goal, which resulted in some of his staff shaving their heads in public. Director Sherman stated that he wanted to take this opportunity to thank him for his time and thank his company for doing a noble thing.

- b. BE-10-010C, Belmont Ultraviolet Disinfection Improvements  
\$968,580.00 – HNTB Corporation

Staff recommended that the Board of Public Works approve and authorize the Director to execute the Professional Services Agreement with HNTB Indiana, Inc., and the City of Indianapolis for construction management and inspection services on the Belmont Ultraviolet Disinfection Facilities, Project No. BE-10-010C, for an amount not to exceed \$968,580.00. This project includes the construction of a new ultraviolet UV disinfection facility and miscellaneous modifications and improvements to the existing disinfection system at the Belmont Advanced Wastewater Treatment Facility. Mr. Rosebrough indicated that the construction inspection seemed high. Mr. Nielsen replied that if you were doing a sewer project of that size and value 7% to 10%, this one is heavy on the mechanics, electrical and structural design. He stated that this is not a guarantee, it is based on a time and material contract; and that the contractor will get the job done much quicker. Upon a motion by Ms. Stockamp, seconded by Mr. Parrin, the Board voted 5-0 to approve Belmont Ultraviolet Disinfection Improvements Agreement.

#### **ITEM # 6 – PROFESSIONAL SERVICE AMENDMENTS**

- a. ST-24-101A; Lafayette Road Bike Lanes Project, Amendment No. 1  
\$51,300.00 – Infrastructure Engineering

Staff recommended that the Board of Public Works approve and authorize the Director to execute Amendment No. 1 for Design with Infrastructure Engineering, Project No. ST-24-101A, Lafayette Road Bike Lanes Project Design in the hourly not to exceed amount of \$51,300.00 for a total not to exceed amount of \$185,700.00. The estimated construction cost is \$2,400,000.00. The design consultant and their team will be responsible for the contract documents for all improvements related to full width resurfacing, full depth base repair and curb ramp and sidewalk replacement for Lafayette Road from 71<sup>st</sup> Street to White River Parkway West Drive. Upon a motion by Ms. Stockamp, seconded by Mr. Parrin, the Board voted 5-0 to approve Amendment No. 1 to the Lafayette Road Bike Lanes Project Agreement.

- b. Third-Party Billing Services, Amendment No. 5  
\$385,395.00 – AMEC Earth & Environmental, Inc.


Staff recommended that the Board of Public Works approve and authorize the Director to execute Amendment No. 5 to its agreement with AMEC Earth and Environmental, Inc., for an additional not to exceed amount \$385,395.00 and extending the agreement term for one additional year. The new contract total amount is \$2,024,313.00 and the new expiration date is June 30, 2012. This amendment will allow AMEC to continue providing billing related services in support of the Marion County Storm Water Management District (MCSWMD). It will also provide billing and collection of Storm Water fees to non-certifiable properties, preparing and transmitting billing amount for certifiable properties to the Marion County Treasurer, updating impervious areas for new and existing parcels, and supporting the ARO activities relating to Storm Water billings. Ms. Stockamp asked if AMEC provides the billing and policy review services. Ms. Regensburg replied yes, that AMEC provides the billing and collection services; however, AMEC and city's staff both work together on the policy review services. Mr. Parrin asked if this is a responsibility that DPW will maintain. Ms. Regensburg replied yes. Mr. Parrin asked if staff has looked at doing this process internally. Ms. Regensburg replied yes, that over the years; the city has obtained a lot more work in-house that was processed by AMEC. She stated that with the increased work and everything that the city needed, if staff left everything with AMEC, this contract would be much higher. Director Sherman mentioned if he could remember correctly; this contract was twice the amount, at least a hundred thousand dollars higher in the past. Upon a motion by Ms. Stockamp, seconded by Ms. Henry, the Board voted 5-0 to approve Amendment No. 5 to the Third-Party Billing Services Agreement.

Director Sherman stated that next year, staff will be working on how to get as much work on the street as

possible. He mentioned that there are some big jobs coming, like the tunneling projects; and that staff is working on incentives for local firms; looking for offices; and looking at how to add work for the prime contractors. He stated for the next few Board meetings, there will be names of new and smaller companies, that this Board has not seen, because that is the way staff is trying to go. He also stated this coming year will be the busiest year for the Department of Public Works; and thanked the Board members for a great job well done.

There being no further business the meeting of the Board of Public Works was adjourned at 2:05 p.m.

  
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David Sherman, Chair

  
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Kimberly A. Frye, Recording Secretary